



Monthly Update

OCTOBER 2005

TABLE OF CONTENTS

DOE BULLETIN BOARD

CONGRESSIONAL ACTIVITIES

Recent Congressional Hearings – Energy Projections

Status of Pending Appropriation Bills of Interest to FEMP

FEDERAL AGENCY ACTIVITIES

Department of Defense (DOD)

Federal Energy Regulatory Commission (FERC)

Department of Energy (DOE)

General Services Administration (GSA)

DOE National Laboratory Activities

Department of Veteran's Affairs (VA)

Central Intelligence Agency

Environmental Protection Agency (EPA)

STATE AND LOCAL GOVERNMENT ACTIVITIES

DOE Central Region

DOE Northeast Region

DOE Western Region

UTILITIES AND SUPPLIER ACTIVITIES

Multiple Regions

DOE Northeast Region

DOE Central Region

DOE Southeast Region

DOE Mid-Atlantic Region

DOE Western Region

DOE Midwest Region

PRIVATE SECTOR

General Announcements

DOE Northeast Region

DOE Mid-Atlantic Region

DOE Southeast Region

DOE Midwest Region

DOE Western Region

STUDIES, REPORTS, AND ANALYSES

Energy and Water Conservation

APPENDICES

A – Status of FY 2005 Appropriation Bills

B – FY 2006 Appropriations-Summary of Provisions

C – New Technologies

D – Meetings, Conferences, and Other Events

The **FEMP MONTHLY UPDATE** is prepared expressly for the Department of Energy's Office of Federal Energy Management Programs (FEMP). The purpose of the **UPDATE** is to provide FEMP management staff with timely information on topics relevant to the program. This includes the status of pending Federal and state legislation and summaries of public and private sector energy-related activities. The **FEMP MONTHLY UPDATE** is prepared for FEMP by Energetics Incorporated, (202) 479-2748.

DOE BULLETIN BOARD

Short-Term Energy Outlook, Energy Information Administration (EIA), October 2005

This winter, residential heating costs are expected to increase for all fuel types compared to last year. On average, households heating primarily with natural gas are expected to spend about \$350 (48 percent) more this winter in fuel expenditures. Households heating primarily with heating oil can expect to pay, on average, \$378 (32 percent) more this winter. Households heating primarily with propane can expect to pay, on average, \$325 (30 percent) more this winter. Finally, households heating primarily with electricity can expect, on average, to pay \$38 (5 percent) more. These averages can vary according to local weather conditions, size of homes, and efficiency of heating equipment, as well as thermostat settings. For a comparison on average heating prices in recent years, please visit <http://www.eia.doe.gov/emeu/steo/pub/gifs/Slide2.gif>.

According to West Texas Intermediate, crude oil is projected to cost approximately \$58 per barrel by the close of 2005, and around \$64-\$65 per barrel in 2006. The continued high crude oil prices had been expected even prior to Hurricanes Katrina and Rita. The crude oil price averaged about \$66 per barrel in September.

Nationwide, 55 percent of households depend on natural gas as their primary heating fuel, while 7 percent of households depend on heating oil, 4 percent rely on propane, and 29 percent rely on electricity as their primary heating fuel. Households in all regions and using all sources will pay significantly more for natural gas this winter, due to both increased consumption and increased prices.

Check out FEMP's web site for resources for saving natural gas in Federal facilities

In response to the President's September 26

CONGRESSIONAL ACTIVITIES

RECENT CONGRESSIONAL HEARINGS – ENERGY PROJECTIONS

On October 18 and 19, Guy Caruso, Administrator of DOE's Energy Information Administration (EIA), testified before the House and Senate respectively on EIA's recently released projections on this winter's heating costs. He testified before the House Committee on Energy and Commerce's Subcommittee on Energy and Air Quality and the Senate's Committee on Energy and Natural Resources.

At the Senate hearing, committee chair Pete Domenici (R/NM) said that he believes that the price of natural gas "— particularly this winter — is one of the most distressful energy challenges we face in the near and long term." Mr. Caruso responded that high natural gas prices are due to tight crude oil markets, hurricane-related supply disruptions, and slightly colder weather, which could cost households about \$260 more for heating this winter. Tom Kuhn, speaking on behalf of the Electric Energy Institute (EEI), urged Congress to fully fund energy efficiency outreach efforts. Lawrence Downes of the American Gas Association (AGA) said his organization supports the diversification of fuels for electricity generation, and advocates energy efficiency programs "that encourage the most efficient utilization of all energy forms through the matching of each energy task with the most appropriate fuel (e.g., running computers with electricity and heating homes and businesses with natural gas)." AGA also supports accelerating the implementations of the new *Energy Policy Act's* energy efficiency tax incentives. Pete Smith, Chairman of the National Association of State Energy Offices (NASEO), reported that the organization has been active in post-hurricane energy recovery efforts. After the hurricane, NASEO brought together state energy offices to share situation reports and response procedures, and facilitated the sharing of model energy emergency declarations, executive orders, public service announcements, and emergency response plans. He also addressed DOE's process

DOE BULLETIN BOARD

Directive on Energy and Fuel Conservation by Federal agencies, FEMP has updated its web site with valuable resources for Federal facility and energy managers, procurement officials, and other interested government officials. Please refer to the following links below for additional information and guidance.

For Resources for Reducing Natural Gas use, go to:

http://www.eere.energy.gov/femp/utility/gas_resources.cfm

For the Presidential Directive on Energy and Fuel Conservation by Federal agencies, go to:

http://www.eere.energy.gov/femp/about/pres_directive.cfm

For the Reporting Guidance of Energy Conservation Efforts at Federal Facilities and in Vehicle Fleets Following Hurricanes Katrina and Rita, go to:

http://www.eere.energy.gov/femp/about/pres_directive.cfm

For general information on the FEMP program including technical, financial, and outreach services, go to:

<http://www.eere.energy.gov/femp>

[Back to Table of Contents](#)

for distributing funds. For example, he noted that “DOE’s history in releasing funds, at least for Weatherization and the State Energy Program, is that if funding is appropriated in October, the states don’t receive it until June of the following year. This is unacceptable. DOE’s procurement processes must be accelerated.” With respect to the planned closure of DOE’s Regional Offices, Mr. Smith said, “This is not the time to eliminate the six Regional Offices operated by the Department of Energy. As we are attempting to deal with an energy emergency, we should not be eliminating the Department’s outreach arm to the states, businesses and others.”

STATUS OF PENDING APPROPRIATIONS BILLS OF INTEREST TO FEMP

Status of FY 2006 Appropriations Bills Refer to [Appendix A](#) for the status of these bills and to [Appendix B](#) for the FY 2006 Appropriations-Summary of Provisions.

Energy and Water Appropriations

This week, House and Senate conferees have been meeting to resolve differences over each chamber’s version of the *H.R. 2419 – FY 2006 Appropriations for Energy and Water*. The conferees have been struggling with significant differences between the two bills, including funding levels. The House bill proposed \$29.75 billion while the Senate passed a \$31.25 billion bill. The conferees have agreed to approve a funding level mid-way between the two bills. There is speculation that funding will be diverted to support for flood control in response to recent hurricane damage as well as sustainable energy research. No schedule has been announced for a final vote by conferees or when the full House and Senate will have the opportunity to vote on the conference report. The bill includes funding

for the Department of Energy’s Energy Efficiency and Renewable Energy program office, including the Federal Energy Management Program. Final funding details are pending approval of the report by the conference committee.

Agriculture, Rural Development, and Food and Drug Administration

House and Senate conferees approved *H.R. 2744* on October 26. The bill provides \$17.1 billion in discretionary funding. The bill provides funding for Department of Agriculture and Food and

Drug Administration buildings and facilities. The report, with final funding details is not yet in print.

[Back to Table of Contents](#)

FEDERAL AGENCY ACTIVITIES

DEPARTMENT OF DEFENSE (DOD)

DOE Western Region

The Naval Facilities Engineering Command, Hawaii (NAVFAC Hawaii) will soon receive energy supplied by solar panels from a newly constructed photovoltaic array in Pearl Harbor. Installed by PowerLight Corporation, the 309 kW array contains 1,545 solar panels and covers a roof area of 31,000 square feet. The system generates the amount of power equivalent to that used to power more than 300 homes. Captain Richard Roth, commanding officer at NAVFAC Hawaii, said, "The deployment of solar power at NAVFAC Hawaii demonstrates the Navy's commitment to using energy management practices that reduce operational costs and protect the environment... Using clean generation is very consistent with the Navy's ongoing efforts to leverage superior operational expertise and technologies." The Navy anticipates an annual savings of \$40,000 through reduced energy costs. The project was supported by the State of Hawaii's Congressional Delegation, Navy Region Hawaii's Historic Preservation Architect, the State Historic Preservation Office, and the Hawaii Natural Energy Institute. (Source: <http://www.RenewableEnergyAccess.com>)

The U.S. Navy will soon receive power from a 500 kW Direct FuelCell power plant at its U.S. Marine Corps base at Camp Pendleton in California. FuelCell Energy, Inc. manufactured the plant, which was sold to LOGANEnergy, the electric service provider who will install and operate the plant. Scheduled to be online by the end of 2006, the two 250 kW DFC300MA units will provide base-load electricity and heat energy to a Mess Hall that serves on a daily basis more than 400 people and plus 200 hundred Marines living in Bachelor Enlisted Quarters. The Federal Government has the option to purchase two more units to raise fuel-cell capacity to one megawatt. A savings rebate of \$1.25 million from California's Self Generation Incentive Program may be applied to the installation. According to Jeff Allen, Base Energy Manager, "The fuel cell power plant provides an ultra-clean source of reliable power and complements the base's existing onsite generation capability...the operation is expected to save us money over our previous power purchasing cost, while increasing energy security at the base, and is consistent with our environmental objective to integrate natural resource management with training and mission support requirements." (Source: *Business Wire*, October 20, 2005)

DEPARTMENT OF ENERGY (DOE)

General Announcements

As designated by the *Energy Policy Act of 2005*, the Department has codified energy efficiency standards for 15 residential appliances and commercial equipment. Product

categories include fluorescent lamp ballasts, ceiling fans and ceiling fan light kits, illuminated exit signs; torchieres; low-voltage dry-type distribution transformers; traffic signal modules and pedestrian modules; unit heaters; medium base compact fluorescent lamps; dehumidifiers; commercial prerinse spray valves; mercury vapor lamp ballasts; commercial package air conditioning and heating equipment; commercial refrigerators, freezers, and refrigerator-freezers; automatic commercial ice makers; and commercial clothes washers. DOE Secretary Samuel Bodman said: "Improving America's energy efficiency has always been a key goal of this Administration's energy policy... These new standards will play an important role in helping to improve America's overall energy savings." For more information on appliance standards, visit http://www.eere.energy.gov/buildings/appliance_standards. (Source: <http://www.energy.gov>, October 18, 2005)

As part of DOE's "Easy Ways to Save Energy" campaign, agency representatives are traveling across the country to provide Federal agencies, consumers, and businesses with information on how to reduce energy costs. The new initiative was launched as a result of this winter's anticipated increase in heating costs. Secretary of Energy Samuel Bodman visited a Lowe's in Massachusetts to highlight the company's energy saving How-To Clinics and plans to launch a series of public service announcements that will be distributed to 4,500 radio stations with tips on how to save energy. Deputy Secretary Clay Sell and Under Secretary David Garman also traveled to U.S. cities to promote the *Energy Savers Guide*. The *Guide*, available at <http://www.energysavers.gov> and outlines ways to improve home energy efficiency. Under Secretary Garman said, "The hurricanes in the Gulf will affect all Americans' energy costs, but by taking a few simple steps, folks can improve their homes' energy efficiency, and stretch their dollars further." He also announced that Energy Saving Teams will be directed to Federal facilities to identify ways to save energy in the coming months (refer to the DOE Bulletin Board). (Source: <http://www.doe.gov>.)

DOE Mid-Atlantic Region

Universities competed in DOE's Solar Decathlon held on the National Mall in Washington, D.C., in October. Designed to promote advanced architecture, engineering, and technology in energy efficient homes, the Solar Decathlon entertained contestants from the U.S. as well as Spain, Canada, and Puerto Rico. Secretary of Energy Samuel Bodman said, "These future engineers and architects are developing the most innovative cutting edge technology. Although the homes may seem fun and futuristic, the materials they use are available to anyone. These homes are living demonstrations of the transformative power of innovation. They demonstrate that we can have homes today that use less energy without giving up any of the comforts we now enjoy." The competition challenged students to design homes that blend architecture, livability, comfort, power generation for space heating and cooling, and water heating. The solar homes must also produce additional power for an electric car. Event sponsor included DOE's Office of Energy Efficiency and Renewable Energy, the National Renewable Energy Laboratory, the American Institute of Architects, the National Association of Home Builders, BP, the DIY Network, and Sprint Nextel. For more information, visit www.solardecathlon.org.

DOE Central Region

Severe transmission and delivery infrastructure damage from Hurricane Rita has prompted DOE Secretary Bodman to sign an order directing Centerpoint Energy to temporarily connect and restore power to affected Entergy customers in East Texas. Entergy's electricity networks will be rebuilt during this period. Secretary Bodman said, "In the aftermath of any disaster, it's critically important that we work together to restore life-saving and

life-sustaining electricity to those people affected by the storm. By issuing this order, we make it possible for thousands of Texas residents and scores of businesses and emergency services to receive electricity as quickly as possible." The order resulted from consultations between DOE, the Texas Governor's Office, and the Texas Public Utility Commission, and will expire on November 1, 2005. (Source: <http://www.doe.gov>, September 28, 2005)

DOE NATIONAL LABORATORY ACTIVITIES

DOE Central Region

The National Renewable Energy Laboratory (NREL) and Xcel Energy have partnered to develop software to evaluate siting options for grid-connected and off-grid, commercial rooftop solar electricity systems in Colorado. Through the Xcel Energy's Utility Innovations (UI) Program, the collaborators' goal is to provide at least 50 percent of the 18 MW of solar power needed to meet the state's renewable energy requirement by 2007. Although state regulatory standards require the installation to be in place by March 2006, Xcel hopes to have the process complete by the end of this year. Richard Kelly, Xcel Energy President and Chief Executive Officer, said "We look forward to a tight collaboration with NREL, merging their recognized expertise with Xcel Energy's drive for innovation to create new capabilities for solar siting in our service territory—and beyond." NREL's Renewable Planning Model will be used in a variety of applications, such as linking the utility's and NREL's Geographic Information Systems data to map electric facilities, electric consumption, solar resources, and land ownership and usage; and to determine cost-effective technologies. Project researchers plan to use the model for other applications, including wind. Xcel Energy plans to invest more than \$250,000 in the project. For further information contact NREL Public Affairs at (303) 275-4090.

On October 20, *Research & Development (R&D) Magazine* presented an award to NREL and its partners for its work in the development of TREAT 2.6 (Targeted Residential Energy Analysis Tools), an energy modeling software package that assesses building energy consumption and cost effective energy efficiency upgrades. The software is based on SUNREAL, another building energy simulation tool previously developed by NREL that calculates heat and mass transfer. NREL partnered with New York State Energy Research and Development Authority and others to develop TREAT. For more information, visit <http://www.nrel.gov/buildings/sunrel>.

NREL has partnered with Solargenix Energy to develop solar technology to be used in the development of a 64-megawatt (MW) Solar Thermal Electric Generating Plant in Boulder City, Nevada. Nevada Solar One will be the third largest solar power plant in the world. Mark Mehos, Program Manager for NREL's Concentrating Solar Power (CSP) program, said. "Given today's natural gas prices combined with tax incentives offered in the recently passed energy bill, utilities and investors are showing a lot of interest in the development of large-scale concentrating solar power plants. This is the first in line of a string of new large-scale domestic and international CSP projects." The parabolic trough technology application could potentially compete with fossil fuel-powered technologies, according to DOE reports. DOE has identified other areas in Nevada that could produce more than 600,000 MW of electric generation using solar technologies. (Source: <http://www.nrel.gov>, October 19, 2005)

CENTRAL INTELLIGENCE AGENCY

General Announcement

The Central Intelligence Agency (CIA) has contracted with SkyBuilt Power Inc. for the acquisition of green electricity generating units, fueled by solar and wind power, for use in human and natural disasters. The units, which can generate up to 150 kW of electricity, contain a backup battery system. The Mobile Power Stations (MPS) have enough output to power an emergency operations center or a small medical facility. The project will be funded through In-Q-Tel, a venture capital firm established by the CIA. The units are appropriate for use in disaster situations, such as the current New Orleans hurricane recovery effort. Other companies are offering renewable energy options for Hurricane Katrina recovery efforts, including SOL Inc., which provided 18 solar street lights in New Orleans and has another 42 more systems scheduled for installation. (Source: *Christian Science Monitor*, October 18, and *Greenwire*, September 27).

ENVIRONMENTAL PROTECTION AGENCY (EPA)

General Announcement

EPA and DOE are collaborating to promote the "EnergyStar® Change a Light, Change the World Campaign." The campaign was launched to encourage consumers to switch out a non-efficient light in their home for a light that has the EnergyStar® label. To commemorate the activity, EPA Administrator Stephen Johnson and DOE Secretary Samuel Bodman named October 4 "EnergyStar® Change a Light Day." Program sponsors are directing consumers to the website <http://www.energystar.gov/changealight> to make an online pledge to make the switch. The campaign's goal is to help consumers save ten percent or more on energy during the next decade. Upon announcement of the new program, DOE Secretary Samuel Bodman said, "Today, the technology driving EnergyStar® lighting is better than ever. The costs of these products are decreasing while the selection and availability of these products is expanding. We estimate that if every household changed just one bulb to an EnergyStar® light bulb, families across the country could save about \$3 billion over the lifetime of the bulbs." The program is one of the first activities of the Partnership for Home Energy Efficiency campaign that was established in July. Many states have also declared support for the program, and have announced October 5 as the state-recognized EnergyStar® Change a Light day. Participating states include: Delaware, California, Connecticut, Georgia, Hawaii, Illinois, Indiana, Kentucky, Maine, Maryland, Minnesota, Montana, Nevada, New Hampshire, New Jersey, New York, Ohio, Oregon, Rhode Island, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin, Wyoming, and the Northern Mariana Islands, Saipan. For more information, contact John Millett or Enesta Jones at millett.john@epa.gov or jones.enesta@epa.gov.

FEDERAL ENERGY REGULATORY COMMISSION (FERC)

General Announcement

FERC has issued a proposal to revise its regulations for small power production and cogeneration facilities to eliminate ownership restrictions and ensure that thermal output of facilities is utilized productively. The proposed rule would amend regulations to end its "presumptively useful" standard in determining whether a cogeneration facility's thermal output is useful. The commission also proposes to expand its efficiency standards to coal-fired facilities (currently, regulations only apply to oil and natural gas-fired facilities). The proposed regulation would also eliminate ownership limitations for qualifying cogeneration and small

power production facilities. As a result of these changes, a qualifying facility may now be “largely or wholly owned” by traditional utilities. (Source: <http://www.ferc.gov>, October 11, 2005)

FERC has partnered with state representatives to meet an *Energy Policy Act of 2005* requirement to identify ways to enhance the affordability and reliability of electric service. Regional boards will be established to assess “security-constrained economic dispatch” and how it affects the reliability and affordability of electric service in each region. The boards will assess cost recovery, software costs, pricing methods, and transmission constraints, among other topics, and will report their recommendations to Congress by August 7, 2006. Security-constrained economic dispatch is “the operation of generation facilities to produce energy at the lowest cost to reliably serve consumers, recognizing any operational limits of generation and transmission facilities.” The four regions will be designated as follows:

- **SOUTH:** Alabama, Arkansas, Florida, Georgia, Kansas, Louisiana, Mississippi, Missouri, New Mexico, North Carolina, Oklahoma, South Carolina, Tennessee and Texas.
- **WEST:** Arizona, California, Colorado, Idaho, Montana, Nevada, New Mexico, Oregon, South Dakota, Utah, Washington and Wyoming.
- **NORTHEAST:** Connecticut, Maine, Massachusetts, New Hampshire, New York, Rhode Island and Vermont.
- **The Pennsylvania/New Jersey/Maryland Interconnection (PJM) and Midwest Independent Transmission System Operator (MISO):** Delaware, the District of Columbia, Illinois, Indiana, Iowa, Kentucky, Maryland, Michigan, Minnesota, Missouri, Montana, Nebraska, New Jersey, North Carolina, North Dakota, Ohio, Pennsylvania, South Dakota, Virginia, West Virginia and Wisconsin.

The first meetings of each board are expected to convene in November 2005. (Source: <http://www.ferc.gov>, September 30, 2005)

GENERAL SERVICES ADMINISTRATION (GSA)

General Announcement

On October 3, GSA Administrator Stephen Perry announced the appointment of David Winstead as Commissioner of GSA’s Public Buildings Service. Prior to his appointment, Mr. Winstead was a law firm partner specializing in real estate, transportation, public law, and government procurement. He also served as the State of Maryland’s Secretary of Transportation. (Source: <http://www.gsa.gov>, October 3, 2005)

On November 1, GSA’s Deputy Administer, David Bibb, has been appointed Acting Administrator. GSA Administrator Stephen Perry recently announced his resignation, effective October 31, 2005. Mr. Bibb will fill the position until a permanent appointment is made. Upon announcing his resignation, Mr. Perry said, “I am very proud of the outstanding team we have at GSA and the great progress they have achieved toward being a high-performing, continuously improving and results-oriented agency. Because the GSA team is so committed, capable and focused on providing excellent service for the American people, I have every confidence that progress will continue.” A GSA press release credited Mr. Perry with directing a Performance Management Process that has achieved President Bush’s Management Agenda goals. The process allowed GSA to establish customer-focused,

measurable goals, and to conduct regular reviews to maintain accountability. He also led an effort to enhance GSA's organizational capability, which included organizational design changes for the Public Building Service's (PBS) National and Regional offices, and combining the Federal Technology Service (FTS) and Federal Supply Service (FSS) into the Federal Acquisition Service (FAS). (Source: <http://www.gsa.gov>, October 3, 2005 and October 18, 2005)

International

GSA was recently recognized at the 2005 World Sustainable Building Conference in Tokyo, Japan, for its submission to the Green Building Challenge. GSA entered the Alfred A. Arraj United States Courthouse to be judged for its environmental performance, including its use of daylight, low-emitting materials, high-performance glazing, and evaporative cooling. Don Horn, GSA's Director of Sustainable Design, said "GSA was honored to have one of its buildings recognized by the international build-green community. The 320,000 square foot Arraj Courthouse showcases the agency's commitment to incorporating principles of sustainable design and energy efficiency into all of its building projects." The building was given a Leadership in Energy and Environmental Design (LEED) rating; GSA expects that it will receive a Silver LEED rating for its sustainable site development, water savings, energy efficiency, and indoor environmental quality. The Green Building Challenge was established in 1996 to develop ways to measure a building's environmental performance. For more on GSA's sustainable design program, visit www.gsa.gov/sustainabledesign. (Source: <http://www.gsa.gov>, October 5, 2005)

DEPARTMENT OF VETERANS' AFFAIRS (VA)

DOE Southeast and Northeast Region

VA has awarded a grant of \$839,000 to the Commonwealth of Kentucky for improvements to the State Veterans Home in Wilmore, and \$737,000 to renovate utilities at a Stonybrook, NY, facility. **The grants will pay up to 65 percent of the renovation cost for each facility.** (Source: <http://www.va.gov>, October 7, 2005)

[Back to Table of Contents](#)

STATE AND LOCAL GOVERNMENT ACTIVITIES

DOE CENTRAL REGION

State or Local Government	Activity
Colorado	The Department of Agriculture and the Colorado Governor's Office of Energy Management and Conservation are partnering to reduce hazardous fuels and expand the use of biomass to produce energy. The Forest Service purchased 730 MWh of Renewable Energy Certificates, the amount needed to power seven Forest Service district offices for one year. Through this purchase, the Forest Service will help support efforts to develop opportunities for biomass power generation. <i>(U.S. Department of Energy, October 23, 2005)</i>
Colorado	To promote Energy Efficiency, the Colorado Governor's Office of Energy Management and Conservation is organizing a "Change a Light, Change the World Day" event, an EnergyStar® program to encourage residents to change one bulb in their home to an energy-efficient model. The office is encouraging this program by distributing compact fluorescent light bulbs at the upcoming "Economic Developers of Colorado" fall conference. <i>(U.S. Department of Energy, October 23, 2005)</i>
Colorado	The University of Colorado was named as the overall winner of the 2005 Solar Decathlon. The school took first place in the "Documentation and Communication" contests and drove the farthest in their electric car (318.8 miles). The event was held in Washington, D.C. in mid-October. <i>(U.S. Department of Energy, October 24, 2005)</i>

DOE NORTHEAST REGION

State or Local Government	Activity
New York	New York Governor George Pataki (R) announced the award of \$15.5 million to support 32 distributed generation and combined heat and power projects throughout the state. The projects could generate up to 29 MW, about half of which will come from landfill methane systems or anaerobic digesters. The projects are being funded by the New York State Energy Research and Development Authority and represent a total investment of more than \$90 million, including private funding. (<i>U.S. Department of Energy, October 23, 2005</i>)

DOE WESTERN REGION

State or Local Government	Activity
California	On September 22, the California Public Utilities Commission (CPUC) approved \$2 billion in funding over the next three years for energy efficiency and conservation programs throughout the state. The effort includes consumer rebates of up to \$600 for appliances that carry the EnergyStar® label, as well as provides \$230 million per year for the state's Green Building Initiative. The campaign also includes online energy audits for homes and voluntary energy audits for businesses, schools, hospitals, and other buildings. According to the CPUC, the campaign will cut energy costs for homes and businesses by more than \$5 billion, eliminate the need to build three large power plants over the next three years, and reduce global warming pollution by an estimated 3.4 million tons of carbon dioxide by 2008. (<i>U.S. Department of Energy, October 23, 2005</i>)
California, Washington	Plans are proceeding to build wind power projects in California and Washington that will each exceed 200 megawatts. In southern California, enXco plans to build a 205.5-megawatt wind facility, called the Pacific Wind Project, by 2008. In Washington State, Puget Sound Energy will take ownership of the 229-megawatt Wild Horse Wind Power Project when Horizon Wind Energy finishes construction in the fall of 2006. Currently, the largest U.S. wind power plant is the Stateline Wind Energy Center in Washington (300 MW). (<i>U.S. Department of Energy, October 23, 2005</i>)

[Back to Table of Contents](#)

UTILITIES AND SUPPLIER ACTIVITIES

MULTIPLE REGIONS

Rate Changes	Restructuring and Public Benefits
Duke Energy Corporation is agreeing to cut South Carolina customers' electric bills by 4 percent for one year if state regulators approve its merger with Cinergy Corp. Utility regulators in Indiana, Kentucky, North Carolina, and Ohio are also considering the deal, which is expected to close by mid-2006. <i>(Power Marketing Association, October 12, 2005)</i>	Southern Company and American Electric Power are looking at different types of renewable energy for new generation that will pollute less. Additional information on this plan is available at http://www.industrialinfo.com . <i>(Power Marketers Association, October 18, 2005)</i>

DOE CENTRAL REGION

Rate Changes	Restructuring and Public Benefits
The Public Utility Commission of Texas staff recommended approval of electricity price increases requested by TXU energy. TXU asked for a 24 percent increase for North Texas by January, with half the increases coming in November. <i>(The Dallas Morning News, October 18, 2005)</i>	No news of interest to report.
Kansas' largest electric company, Westar Energy, Inc., plans to increase its rates by 9 percent for customers in the northern region, and by 6 percent for customers in the southern region. The company is also requesting permission to pass along the rising costs of fuel, transmission, and complying with environmental regulations to its customers. <i>(Power Marketers Association, October 18, 2005)</i>	No news of interest to report.

DOE MID-ATLANTIC REGION

Rate Changes	Restructuring and Public Benefits
Philadelphia Gas Works plans to collect up to \$30 million in additional revenue in the next 6 to 8 weeks, through a recent rate increase. Even with this increase, the utility may look into seeking another increase in December of this year. The state Public Utility Commission approved the original request to raise rates on October 20. A typical residential heating customer now pays \$335, or 19.4 percent more per year. (<i>The Philadelphia Inquirer</i> , October 12, 2005)	Green Mountain Energy Company is offering a low introductory rate in its New Jersey CleanPower Choice Program, at .9 cents per kWh. The CleanPower Choice Program allows New Jersey electric customers to support renewable electricity without switching from their local utility company. The program began on October 1, and will be statewide by spring 2006. (<i>Power Marketing Association</i> , October 18, 2005)
No information to report	Green Mountain Energy Company announced it will stop selling electricity in Pennsylvania. The decision was based on economics, according to the Texas-based company. Due to recent deregulation rules and current market conditions, residents would have to be charged an additional \$30 per month. (<i>Pittsburgh Post-Gazette</i> , October 12, 2005)

DOE MIDWEST REGION

Rate Changes	Restructuring and Public Benefits
Dominion East Ohio is raising natural gas prices. The utility filed a rate increase of 4 percent on October 19, 2005, for its customers who haven't chosen another supplier. This comes on the heels of a September increase of 17 percent. Over the course of the past year, the average residential customer's monthly bill has increased \$57 to \$181. (<i>Power Marketing Association</i> , October 20, 2005)	A recent study by the Energy Center of Wisconsin suggests that the state can reduce the need for new power plants and save natural gas if the state steps up its investment in energy efficiency. The study recommends investing in energy efficiency by improving programs designed to help manufacturers increase efficiency, and to make newly built homes more energy efficient. (<i>Milwaukee Journal Sentinel</i> , October 19, 2005)

F E M P M O N T H L Y U P D A T E

Rate Changes	Restructuring and Public Benefits
ComEd is requesting an additional 17 percent increase on its 20 percent recent rate increase. This total increase would amount to approximately \$275 per Illinois customer annually. A decision on the increase is expected in January. <i>(Power Marketers Association, October 18, 2005)</i>	We Energies, which serves much of Wisconsin, predict a 40 percent to 50 percent increase in natural gas prices this winter. It is predictions like these that are encouraging residents to look into programs such as Focus on Energy, which helps residents to make their homes more energy efficient, including sealing air gaps, insulating well, and using an efficient heating system. We Energies customers can get a Focus on Energy assessment for \$175. <i>(Power Marketers Association, October 16, 2005)</i>
	Michigan Attorney General Mike Cox filed testimony on October 17 before the Michigan Public Service Commission, stating that a recent plan for utilities to recover costs from Hurricanes Katrina and Rita can be recovered over a 12 month period, rather than a four month period. Additionally, Cox is requesting that the rate increase begin in April 2006, when the expensive heating season is over. <i>(Power Marketers Association, October 18, 2005)</i>

DOE NORTHEAST REGION

Rate Changes	Restructuring and Public Benefits
High wholesale electricity prices have prompted Massachusetts Electric Company to ask state regulators for an increase in the supply portion of retail electric bills. The company asked the Massachusetts Department of Telecommunications and Energy to allow it to pass these higher prices on to customers from November 1 to April 1. Massachusetts Electric also plans to begin a public education campaign to encourage its customers to reduce their energy consumption. <i>(New Power Executive Weekly, September 30, 2005)</i>	New York utilities have until the end of November to draft plans for a mandatory real-time pricing for their largest customers, as well as proposals for public outreach programs to attract customers. Until this order, participation in real-time pricing was voluntary. <i>(New Power Executive Weekly, September 30, 2005)</i>

Rate Changes	Restructuring and Public Benefits
<p>The state of Connecticut's Public Utilities Commission is considering a request by Unitil Corporation to raise its electric rates by an average 60 percent for its largest commercial and industrial customers. If approved, the higher rates would go into effect November 1 for customers that use 100,000 kWh per month or more. Those rates would stay in place for 6 months, at which time the company could go out for bids again. <i>(Power Marketing Association, October 17, 2005)</i></p>	<p>No news of interest to report.</p>

DOE SOUTHEAST REGION

Rate Changes	Restructuring and Public Benefits
<p>South Carolina Electric and Gas has reduced its proposed rate increase for natural gas customers, and will recoup its costs over two years instead of one. The rate increase will increase residential bills by about \$55 per month. <i>(Power Marketing Association, October 24, 2005)</i></p>	<p>Southern Company continues to see successful results from its comprehensive demand-side management and energy efficiency programs. This summer, the company established consecutive new record peaks for its system (July 25 and July 26), where demand was reduced by more than 400 megawatts. For additional information on Southern Company's demand-side management program, please visit www.southerncompany.com.</p>

DOE WESTERN REGION

Rate Changes	Restructuring and Public Benefits
<p>The Colton City Council of California is deciding whether to raise rates by \$4, which could begin as early as January of 2006. Colton, which has the only municipal power company in San Bernardino County, has not raised base rates since 1994, which is the amount its costs the city to provide power to the roughly 20,000 residential, industrial, and commercial customers. <i>(San Bernardino County Sun, October 20, 2005)</i></p>	<p>No news of interest to report.</p>

Rate Changes	Restructuring and Public Benefits
State regulators approved a 3.65 percent increase for Puget Sound Energy electricity users. The increase, tied to rising natural gas prices, is the second this year. The utility has about 1.2 million customers in eight western Washington counties. The increase is effective November 1. (<i>The Seattle Times</i> , October 21, 2005)	No news of interest to report.
Pacific Gas and Electric Company (PG&E) notified the California Public Utilities Commission that the cost of natural gas across the nation is causing wholesale electric generators to charge PG&E higher prices for the electricity the company buys for its customers. Beginning in January, this increase will be passed on to customers at a 2.5 rate increase for residents. (<i>Electric Energy Online</i> , October 17, 2005)	No news of interest to report.

[Back to Table of Contents](#)

PRIVATE SECTOR

GENERAL ANNOUNCEMENTS

The Sustainable Energy Coalition has developed “factoids” summarizing near and mid-term prospects for energy technologies and their impact on fossil fuels and nuclear power. The information was derived from study and report findings from various organizations and include the following: “(1) biomass could provide 15% of U.S. energy demand by 2030; (2) annual installations of rooftop photovoltaics could power hundreds of thousands of homes and businesses by 2010; (3) wind power could generate more than enough sustainable electricity to meet global energy needs; (4) biomass could provide at least 12% of California’s electricity needs; and (5) untapped geothermal resources could provide 25,000 MW of electrical generating capacity.” (Source: *Sustainable Energy Coalition*, October 14, 2005)

DOE MID-ATLANTIC REGION

Green Mountain Energy Company terminates electric generation service and introduces new renewable energy product to Pennsylvania customers. Due to rising natural gas prices and electricity rate caps Green Mountain Energy Company plans to sell renewable power to its customers. The new power option includes 500 kilowatt-hours of electricity per month, generated from 100 percent wind resources and delivered to the national power grid at a cost of \$9.95 a month or \$99.95 a year. (Source: *Green Power Network*, October 11, 2005)

DOE MIDWEST REGION

Building Site and Location	Stage / Certification	Cost/End-Use	Energy Features
Center of Research, Technology and Entrepreneurial Expertise One, St. Louis, MO	<ul style="list-style-type: none"> Pre-Certification Silver LEED Core and Shell 	<ul style="list-style-type: none"> Commercial building 	<ul style="list-style-type: none"> Three story 165,000 sq. ft. facility Utilize sealants, paints, coating, carpets, rugs and composite wood with low Volatile Organic Chemical levels to reduce indoor air pollution. Collect and recycle construction waste, diverting more than 75 percent of the waste from landfills.

DOE NORTHEAST REGION

Building Site and Location	Stage / Certification	Cost/End-Use	Energy Features
Stonyfield Farm Londonderry, NH	<ul style="list-style-type: none"> Started October 18, 2005 	<ul style="list-style-type: none"> Rights of green tags generated over project's entire operating lifetime belong to Clean Air - Cool Planet Public Service Company of New Hampshire facilitates system's connection to power grid to reduce systems power bill. Purchases green tags to finance construction of wind farms in Midwest and a family dairy farm methane energy project 	<ul style="list-style-type: none"> 50- kilowatt (kW) solar energy system 5,000 sq. ft. photovoltaic array 120,000 sq. ft. manufacturing facility Developed by Solar Works of Montpelier, VT Generates approximately 50,000 watts of energy on full sun days
Helena New York, NY	<ul style="list-style-type: none"> LEED Gold Completed in 2003 	<ul style="list-style-type: none"> Nation's first environmentally sustainable high-rise residential building 	<ul style="list-style-type: none"> 17.1- kilowatt (kW) building integrated solar electric systems 28 custom-laminated glass panels 132 custom mounted 110 W solar panels on the roof Designed and installed by Altpower, Inc. Made from 100% industrial recycled silicon

DOE SOUTHEAST REGION

Building Site and Location	Stage / Certification	Cost/End-Use	Energy Features
Frank Lloyd Wright's Oak Park Unity Temple, Oak Park, IL	<ul style="list-style-type: none"> Started October 1, 2005 Expect complete restoration by 2009 	<ul style="list-style-type: none"> Park Multi-million dollar project 	<ul style="list-style-type: none"> Replace building's heating/cooling system with geothermal technology

DOE WESTERN REGION

Building Site and Location	Stage / Certification	Cost/End-Use	Energy Features
Johnson & Johnson Pharmaceutical Research and Development, L.L.C., Drug Discovery Facility La Jolla, CA	<ul style="list-style-type: none"> LEED Certified 	<ul style="list-style-type: none"> Research Facility 	<ul style="list-style-type: none"> Combined heat and power cogeneration system Reduces carbon dioxide greenhouse gas emissions Conserves 11 million gallons of water per year Low-flow restroom fixtures Re-circulated cooling water Recycled air conditioning condensation Reduced water flow for landscaping projects
Encore Ceramics Inc., Manufacturing Facility Grants Pass, OR	<ul style="list-style-type: none"> Started October 17, 2005 	<ul style="list-style-type: none"> BEF purchasing Green Tags from Encore at \$50 per Green Tag, approximately \$1,700 per year. 	<ul style="list-style-type: none"> 29-kilowatt (kW) solar power system Developed by Advance Energy Systems Green Tags purchased from wind resources to meet 100% renewable energy demand and operations
Westin San Francisco Airport Hotel San Francisco, CA	<ul style="list-style-type: none"> Started October 5, 2005 	<ul style="list-style-type: none"> Hotel Estimated cost of \$1.25 million 	<ul style="list-style-type: none"> 500-kilowatt (kW) direct fuel cell power plant Installed by Alliance Star Energy, joint venture between Fuel Cell Energy and Alliance Power Base load power for 390 room hotel Heat byproduct used to heat hotel indoor pool

[Back to Table of Contents](#)

STUDIES, REPORTS, AND ANALYSES

ENERGY AND WATER CONSERVATION

Environmental Protection Agency, Investing in Our Future—EnergyStar® and Other Programs 2004 Annual Report, September 2005

Released on October 4, the report reveals that U.S. consumers saved approximately \$10 billion and the amount of energy equivalent to that required to power 25 million homes during peak power. The savings were due in part to the use of EnergyStar® appliances and lighting systems. Other report highlights include:

More than 1.5 billion EnergyStar® qualified products have been purchased.

Through EPA's Green Power Partnership, more than 500 partners have committed to purchasing more than 2 billion kWh of green power.

The report also provides an overview of the agency's goals for 2005. To access the report, visit <http://www.epa.gov/appdstar/pdf/CPDP2004.pdf>.

[Back to Table of Contents](#)

APPENDIX A

STATUS OF FY 2005 APPROPRIATIONS BILLS

(*** **Note:** For the FY 2006 appropriations process, the House and Senate consolidated existing appropriations subcommittees from 13 in both chambers to 11 and 12 respectively. However, programmatic jurisdiction is not the same for all committees/bills and therefore, the Presidential request and the 302(b) allocations differ for each House and Senate bill).

(In Billions)

HOUSE

SENATE

Jurisdiction/ FY 2004 Budget Request ***	302(b) Discretionary Allocations/ Approved Funding Level	Full Cmte. Mark Up	Floor Vote	Vote on Conf Rpt.	302(b) Discretionary Allocations/ Approved Funding Level	Full Cmte. Mark Up	Floor Vote	Vote on Conf. Rpt.
H.J. Res. 68 – FY 2006 Continuing Resolution	N/A	-	9/29		N/A	-		
H.R. 2744								
Agriculture (House) \$16.739 Billion	\$16.832 Billion	5/25	6/8					
Agriculture (Senate) \$16.918 Billion					\$17.348 Billion	6/23	9/22	
H.R.2862								
Science/State/ Justice/Commerce (House) \$60.616 Billion	\$57.453 Billion	6/7	6/16					
Commerce/Justice/ State (Senate) \$47.319 Billion					\$48.646 Billion	6/23	9/15	
H.R. 2863								
Defense (House) \$366.720 Billion	\$363.440 Billion	6/7	6/20					
Defense (Senate) \$407.706 Billion					\$400.706 Billion	9/28		

FEMP MONTHLY UPDATE

(In Billions)

HOUSE

SENATE

<i>Jurisdiction/ FY 2004 Budget Request ***</i>	<i>302(b) Discretionary Allocations/ Approved Funding Level</i>	<i>Full Cmte. Mark Up</i>	<i>Floor Vote</i>	<i>Vote on Conf Rpt.</i>	<i>302(b) Discretionary Allocations/ Approved Funding Level</i>	<i>Full Cmte. Mark Up</i>	<i>Floor Vote</i>	<i>Vote on Conf. Rpt.</i>
H.R. 2419								
Energy and Water (House) \$29.746 Billion	\$29.746 Billion	5/18	5/24					
Energy and Water (Senate) \$29.745 Billion					\$31.245 Billion	6/16	6/30	
H.R. 3057								
Foreign Operations (House) \$22.826 Billion	\$20.270 Billion	6/22	6/28					
State/Foreign Operations (Senate) \$32.671 Billion					\$31.671 Billion	6/30	7/20	
P.L. 109-90 – (H.R. 2360) \$30.8 Billion 10/18/05								
Homeland Security (House) \$29.555 Billion	\$30.846 Billion	5/10	5/17	10/6				
Homeland Security (Senate) \$29.561 Billion					\$30.846 Billion	6/16	7/14	10/7
P.L. 109-54 (H.R. 2361) \$26.2 Billion 8/2/05								
Interior and Environment (House) \$25.672 Billion	\$26.107 Billion	5/10	5/19	7/28				
Interior and Related Agencies (Senate) \$25.675 Billion					\$26.207 Billion	7/28	7/29	7/29

FEMP MONTHLY UPDATE

(In Billions)

HOUSE

SENATE

<i>Jurisdiction/ FY 2004 Budget Request ***</i>	<i>302(b) Discretionary Allocations/ Approved Funding Level</i>	<i>Full Cmte. Mark Up</i>	<i>Floor Vote</i>	<i>Vote on Conf Rpt.</i>	<i>302(b) Discretionary Allocations/ Approved Funding Level</i>	<i>Full Cmte. Mark Up</i>	<i>Floor Vote</i>	<i>Vote on Conf. Rpt.</i>
H.R. 3010								
Labor/HHS/EDU (House) \$141.590 Billion	\$142.514 Billion	6/16	6/24					
Labor/HHS/EDU (Senate) \$141.344 Billion					\$141.344	7/14	Pending	
H.R. 2528								
Military Quality of Life/VA (House) \$84.108 Billion	\$85.158 Billion	5/18	5/26					
Military Construction/ VA (Senate) \$44.585 Billion					\$44.382 Billion	7/21	9/22	
H.R. 3058								
DOT/Treas//HUD/ Judiciary (House) \$60.702 Billion	\$66.935 Billion	6/22	6/30					
DOT/Treas/Judiciary/ HUD (Senate) \$63.140 Billion					\$65.373 Billion	7/21	10/20	

[Back to Table of Contents](#)

APPENDIX B
FY 2006 APPROPRIATIONS
(DISCRETIONARY FUNDING)

Summary of Provisions of Interest

October 2005 Update

- AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION, AND RELATED AGENCIES
- COMMERCE, JUSTICE, SCIENCE, AND RELATED AGENCIES (House)
COMMERCE, JUSTICE, AND SCIENCE (Senate)
- DEFENSE
- ENERGY AND WATER
- FOREIGN OPERATIONS (House)
STATE, FOREIGN OPERATIONS, AND RELATED PROGRAMS (Senate)
- HOMELAND SECURITY
- INTERIOR AND ENVIRONMENT (House)
INTERIOR, ENVIRONMENT, AND RELATED AGENCIES
- LABOR, HEALTH AND HUMAN SERVICES, EDUCATION, AND RELATED AGENCIES
- MILITARY QUALITY OF LIFE, VETERANS' AFFAIRS, AND RELATED AGENCIES (House)
MILITARY CONSTRUCTION AND VETERANS AFFAIRS (Senate)
- TRANSPORTATION, TREASURY, HOUSING AND URBAN DEVELOPMENT, AND THE JUDICIARY (House)
TRANSPORTATION, TREASURY, THE JUDICIARY, HOUSING AND URBAN DEVELOPMENT, AND RELATED AGENCIES (Senate)

F E M P M O N T H L Y U P D A T E

AGRICULTURE, RURAL DEVELOPMENT, FOOD AND DRUG ADMINISTRATION, AND RELATED AGENCIES

H.R. 2744

Key Program Activity <i>(Printed Conference Report with funding details is pending)</i>	House Bill <u>House Report 109-102</u> \$16.832 Billion Passed the Conference Committee on 10/26/05	Senate Bill <u>Senate Report 109-92</u> \$17.348 Billion Passed the Conference Committee on 10/26/05
DEPARTMENT OF AGRICULTURE <u>Buildings and Facilities and Rental Payments</u> <u>Animal Plant Health Inspection Service, Building and Facilities</u> <u>Agriculture Research Service</u> <u>Renewable Energy Program for Farmers</u>	\$183.133 Million (includes \$147.734 Million in rental payments and \$35.399 Million in building operations) \$4.996 Million for buildings and facilities \$87.3 Million for buildings and facilities \$23 Million in grants and loans to farmers for renewable energy technologies.	\$187.734 Million (includes \$147.734 Million in rental payments and \$40 Million in building operations) \$4.996 Million for buildings and facilities \$160.645 Million for buildings and facilities \$23 Million in grants and loans to farmers for renewable energy technologies.
FOOD AND DRUG ADMINISTRATION <u>Facilities</u>	\$5 Million	\$7 Million

F E M P M O N T H L Y U P D A T E

SCIENCE, STATE, JUSTICE, COMMERCE (House)

COMMERCE, JUSTICE, STATE (Senate)

H.R. 2862

Key Program Activity <i>(No further action taken on this bill in October)</i>	House Bill <i>House Report 109-118</i> \$57.453 Billion PASSED House on 6/16/05	Senate Bill <i>Senate Report 109-88</i> \$48.464 Billion Passed Senate on 9/15/05
DEPARTMENT OF COMMERCE <u>National Institutes of Standards and Technologies, Facilities</u> <u>National Oceanic and Atmospheric Administration, Operations, Research, and Facilities</u>	\$45 Million for the construction and major renovations of the NIST campuses at Boulder, Colorado, and Gaithersburg, Maryland. \$2.447 Billion	\$198.631 Million for priority safety, capacity, maintenance, and repair projects at NIST. \$3.203 Billion
DEPARTMENT OF JUSTICE <u>U.S. Marshals Service, Facilities</u> <u>Federal Bureau of Investigation, Facilities</u>	Not specified \$20.105 Million for construction (includes \$105,000 for base construction, \$10 Million for an architecture and engineering study for a new Critical Incident Response Group Facility (CIRG), and \$10 Million for equipment and associated costs for a permanent records management facility in Frederick County, VA)	\$12 Million \$25.213 Million for construction (includes \$5.105 Million for general operations and maintenance)

F E M P M O N T H L Y U P D A T E

Key Program Activity <i>(No further action taken on this bill in October)</i>	House Bill <i>House Report 109-118</i> \$57.453 Billion PASSED House on 6/16/05	Senate Bill <i>Senate Report 109-88</i> \$48.464 Billion Passed Senate on 9/15/05
<u>Bureau of Prisons, Facilities</u>	\$70.112 Million for the construction, modernization, maintenance, and repair of prison and detention facilities (does not include a proposed \$314 Million rescission of funds previously appropriated for new prison construction. Committee notes that there are carryover balances available in this account totaling more than \$600 Million , of which over \$100 Million are not designated for specific construction activities and can be used for maintenance and repair projects. Committee expects BOP to use new appropriations, as well as previously appropriated funds, to address the most critical maintenance and repair projects.)	\$222.112 Million for the construction, modernization, maintenance, and repair of prison and detention facilities

F E M P M O N T H L Y U P D A T E

DEFENSE

H.R. 2863

Key Program Activity	House Bill <i>House Report 109-119</i> \$363.440 Billion Passed House on 6/20/05	Senate Bill <i>Senate Report 109-141</i> \$400.706 Billion Passed the Senate on 10/7/05
DEPARTMENT OF DEFENSE <u>Operation and Maintenance – Facility Maintenance</u>	\$5 Million for Wind Demonstration Project at an Air Force facility Reduces by \$15 Million, unsupported growth in Utilities Privatization program \$2Million for Waterfree urinal conservation program	Not specified

FEMP MONTHLY UPDATE

ENERGY AND WATER H.R. 2419

Key Program Activity <i>(Conference Committee is currently negotiating and conference report)</i>	House Bill <i>House Report 109-086 \$29.746 Billion Passed House on 5/24/05</i>	Senate Bill <i>Senate Report 109-084 \$31.245 Billion Passed Senate on 6/30/05</i>
DEPARTMENT OF ENERGY <u>Energy Efficiency and Renewable Energy</u> (Department of Energy programs previously funded by the <i>Interior and Related Agencies Appropriations</i> are now funded by the <i>Energy Supply and Conservation Appropriations</i>) All energy efficiency and renewable energy programs are listed under and are combined with energy the Energy Supply and Conservation section)	\$1.763 Billion \$17.147 Million Federal Energy Management Program \$2.019 Million Departmental Energy Management \$64.966 Million Building Technologies \$56.629 Million Distributed Energy Resources \$58.891 Million Industrial Technologies \$86.164 Million Biomass and Biorefinery Systems R&D \$83.6 Million Fuel Cells \$167.943 Million Vehicle Technologies \$9.456 Million Program Support \$1.236 Billion for energy efficiency and renewable energy resources \$83.953 Million Solar	\$1.945 Billion \$17.147 Million Federal Energy Management Program \$2.019 Million Departmental Energy Management \$67 Million Building Technologies \$64.666 Million Distributed Energy Resources \$56.489 Million Industrial Technologies \$92.164 Million Biomass and Biorefinery Systems R&D \$83.6 Million Fuel Cells \$199.943 Million Vehicle Technologies \$9.456 Million Program Support \$1.253 Billion for renewable energy resources \$83.963 Million Solar

F E M P M O N T H L Y U P D A T E

Key Program Activity <i>(Conference Committee is currently negotiating and conference report)</i>	House Bill <i>House Report 109-086</i> \$29.746 Billion Passed House on 5/24/05	Senate Bill <i>Senate Report 109-084</i> \$31.245 Billion Passed Senate on 6/30/05
	\$44.249 Million Wind \$500,000 Hydropower \$101.524 Million Program Direction \$99.849 Million	\$34.249 Million Wind \$500,000 Hydropower \$86.524 Million Program Direction \$178.083 Million

FOREIGN OPERATIONS (House) STATE, FOREIGN OPERATIONS, AND RELATED PROGRAMS (Senate)

H.R. 3057

Key Program Activity <i>(No further action taken on this bill in October)</i>	House Bill <i>House Report 109-152</i> \$20.270 Billion Passed House on 6/28/05	Senate Bill <i>Senate Report 109-96</i> \$31.671 Billion Passed Senate on 7/20/05
DEPARTMENT OF STATE <u>Embassy Security,</u> <u>Construction, and</u> <u>Maintenance</u>	\$1.514 Billion	\$1.504 Billion

FEMP MONTHLY UPDATE

HOMELAND SECURITY H.R. 2360

Key Program Activity	House Bill	Senate Bill
<p><i>Became P.L. 109-909 on 10/18/05</i> <i>\$30.8 Billion</i> <i>(Final bill details to be reported in next update)</i></p>	<p><u>House Report 109-79</u> \$30.846 Billion Conference Report approved on 10/06/05</p>	<p><u>Senate Report 109-83</u> \$30.846 Billion Conference Report approved on 10/07/05</p>
<p><u>DHS Headquarters, Renovation and Relocation Expenses</u></p> <p>Not cited.</p>		<p>\$ 26.070 Million to consolidate and integrate its headquarters operations and specific program components at the Nebraska Avenue Complex [NAC] in Washington, DC. (Includes \$8.300 Million for security enhancements; \$10.257 Million for tenant improvements; \$3.400 Million for capital improvements; and \$4.113 Million for campus-wide design and construction costs.)</p>
<p><u>Bureau of Customs and Border Protection (Air and Marine Interdiction Operations, Maintenance, and Procurement)</u></p>	<p>\$93.418 Million</p>	<p>\$311.381 Million to plan, construct, renovate, equip, and maintain buildings and facilities.</p>
<p><u>U.S. Coast Guard (Acquisition, Construction, and Improvements)</u></p>	<p>\$798.152 Million for acquisition of new capital assets, construction of new facilities, and physical improvements to existing facilities and assets.</p>	<p>\$1.142 Billion for the acquisition, construction, and improvement of vessels, aircraft, information management resources, shore facilities, and aids to navigation required to execute the Coast Guard's missions and achieve its performance goals.</p> <p>\$3.699 Million for security upgrades of existing facilities; to continue development of the current</p>

FEMP MONTHLY UPDATE

Key Program Activity	House Bill	Senate Bill
<p><i>Became P.L. 109-909 on 10/18/05</i> <i>\$30.8 Billion</i> <i>(Final bill details to be reported in next update)</i></p>	<p><u>House Report 109-79</u> \$30.846 Billion Conference Report approved on 10/06/05</p>	<p><u>Senate Report 109-83</u> \$30.846 Billion Conference Report approved on 10/07/05</p>
<p><u>U.S. Secret Service</u></p> <p><u>Federal Law Enforcement Training Center</u></p>	<p>\$3.699 Million for the acquisition, construction, improvement, equipment, furnishing and related cost for maintenance and support of Secret Service facilities, including the Secret Service Memorial Headquarters Building and the James J. Rowley Training Center.</p> <p>\$64.743 Million for the acquisition, construction, improvements, equipment, furnishings, and related costs for expansion and maintenance of facilities of the Federal Law Enforcement Training Center, to include its facilities in Georgia, South Carolina, Maryland, and New Mexico.</p>	<p>Master Plan; to maintain and renovate existing facilities, including the James J. Rowley Training Center; and to ensure efficient and full utilization of the Center.</p> <p>\$88.358 Million for the acquisition and related costs for expansion and maintenance of facilities of the Federal Law Enforcement Training Center [FLETC]. This includes construction and maintenance of facilities and environmental compliance. Construction and maintenance provides funding for buildings at four locations (Glynco, Georgia; Artesia, New Mexico; Cheltenham, Maryland; and Charleston, South Carolina).</p>

F E M P M O N T H L Y U P D A T E

INTERIOR, ENVIRONMENT, AND RELATED AGENCIES

P.L. 109-54

Signed by the President on August 2, 2005

Key Program Activity <i>Became P.L. 109-54 7/29/05 \$25.724 Billion</i>	House Bill <i>House Report 109-80 \$26.107 Billion (Conference report passed House on 7/28)</i>	Senate Bill <i>Senate Report 109-80 \$26.207 Billion (Conference report passed Senate on 7/29)</i>
DEPARTMENT OF THE INTERIOR		
<u>U.S. Fish and Wildlife Service</u> \$45.891 Million for construction, improvement, acquisition, or removal of buildings and other facilities	\$41.206 Million for construction	\$31.811 Million for construction
<u>National Park Service</u> \$301.291 Million for construction, improvements, repair or replacement of physical facilities	\$291.230 Million for construction	\$299.201 Million for construction
<u>Smithsonian Institution</u> \$100 Million for Facilities Capital	\$90.9 Million for Facilities Capital	\$100 Million for Facilities Capital
<u>National Gallery of Art</u> \$16.2 Million for repair, restoration and renovation of buildings, grounds and facilities	\$16.2 Million for repair, restoration, and renovation of buildings, grounds, and facilities.	\$15 Million for repair, restoration, and renovation of buildings, grounds, and facilities.
<u>JFK Center for the Performing Arts</u> \$13 Million for construction	\$10 Million for construction	\$15.2 Million for construction

F E M P M O N T H L Y U P D A T E

Key Program Activity	House Bill	Senate Bill
<i>Became P.L. 109-54 7/29/05 \$25.724 Billion</i>	<i>House Report 109-80 \$26.107 Billion (Conference report passed House on 7/28)</i>	<i>Senate Report 109-80 \$26.207 Billion (Conference report passed Senate on 7/29)</i>
DEPARTMENT OF VETERANS' AFFAIRS Funding not specified (funding formerly housed within the Veterans' Affairs and Housing Development and Independent Agencies bill)	\$607.100 Million for major construction \$208.937 Million for minor construction	----- -----
ENVIRONMENTAL PROTECTION AGENCY \$40.218 Million for construction, repair, improvement, extension, alteration, and purchase of fixed equipment or facilities (funding formerly housed within the Veterans' Affairs and Housing Development and Independent Agencies bill)	\$40.218 Million for buildings and facilities	\$40.218 Million for buildings and facilities

F E M P M O N T H L Y U P D A T E

LABOR, HEALTH AND HUMAN SERVICES, EDUCATION, AND RELATED AGENCIES

H.R. 3010

Key Program Activity <i>(No further action taken on this bill in October)</i>	House Bill <i>House Report 109-143</i> \$142.514 Billion Passed House on 6/24/05	Senate Bill <i>Senate Report 109-103</i> \$141.344 Billion Passed Full Committee on 7/14/05
DEPARTMENT OF LABOR <u>Job Corps Centers</u>	Committee does not include a rescission of funds as requested within construction and rehabilitation account. Previously appropriated funds are available for the construction of two new centers. There is a backlog of construction and rehabilitation projects at existing centers.	Committee concurs with the House in not including the proposed \$25 Million rescission of funds previously appropriated for construction and renovation activities.
<u>Department of Health and Human Services</u>	\$480.751 Million for the construction and renovation (including equipment) of health care-related facilities and other health care-related activities.	\$480.751 Million for the construction and renovation (including equipment) of health care-related facilities and other health care-related activities.
<u>Health care-related facilities and activities</u>	\$225 Million for the planning, design, and construction of new facilities, repair and renovation of existing CDC facilities, and data security and storage. (Includes \$200 Million for the continuation of CDC's Buildings and Facilities Master Plan in Atlanta, Georgia and \$25 Million to complete construction of CDC's Division of Vector Borne Infectious Diseases Laboratory in Fort Collins, Colorado.)	\$225 Million for the planning, design, and construction of new facilities, repair and renovation of existing CDC facilities, and data security and storage. (Includes \$200 Million for the continuation of CDC's Buildings and Facilities Master Plan in Atlanta, Georgia and \$25,000,000 to complete construction of CDC's Division of Vector Borne Infectious Diseases Laboratory in Fort Collins, Colorado.)
<u>Centers for Disease Control and Prevention</u>		

FEMP MONTHLY UPDATE

MILITARY QUALITY OF LIFE, VETERANS' AFFAIRS, AND RELATED AGENCIES (House)
MILITARY CONSTRUCTION/VETERANS AFFAIRS (Senate)

H.R. 2528

Key Program Activity	House Bill	Senate Bill
(No further action taken on this bill in October)	<u>House Report 109-95</u> \$85.158 Billion Passed House on 5/26/05	(Report No. Pending) \$44.382 Billion Passed Full Committee on 9/22/05
<u>Military Construction</u>	<p>\$1.653 Billion for the Army</p> <p>\$1.109 Billion for the Navy and Marine Corps</p> <p>\$1.171 Billion for the Air Force</p> <p>\$976.664 Million for Defense-wide (includes \$50 Million for the Energy Conservation Improvement Program)</p> <p>\$410.624 Million for the Army National Guard</p> <p>\$225.727 Million for the Air National Guard</p> <p>\$138.425 Million for the Army Reserve</p> <p>\$45.226 Million for the Naval Reserve</p> <p>\$110.847 Million for the Air Force Reserve</p>	(Funding levels not yet available)
<u>Family Housing</u>	\$4.202 Billion for maintenance and repair, furnishings, management, services, utilities, leasing, interest, mortgage insurance, and miscellaneous expenses.	

FEMP MONTHLY UPDATE

Key Program Activity <i>(No further action taken on this bill in October)</i>	House Bill <u>House Report 109-95</u> \$85.158 Billion Passed House on 5/26/05	Senate Bill (Report No. Pending) \$44.382 Billion Passed Full Committee on 9/22/05
<p><u>Military Housing Privatization Initiative (MPHI)</u></p> <p><u>Energy Conservation Investment Program (ECIP)</u></p>	<p>\$549.636 Million for Army Housing Construction \$803.993 Million for Army O&M \$218.942 Million Navy and Marine Corps Construction \$588.660 Million for Navy and Marine Corps O&M \$1.236 Billion for Air Force Construction \$755.319 Million for Air Force O&M No funding recommendation for Defense wide construction \$46.391 Million for Defense-wide O&M</p> <p>Department has set a goal of formalizing all necessary agreements with private sector to eliminate inadequate and substandard housing by 2007.</p> <p>\$50 Million for the Energy Conservation Improvement Program (also listed above under Defense-wide)</p>	

F E M P M O N T H L Y U P D A T E

TRANSPORTATION, TREASURY, THE JUDICIARY, AND HOUSING AND URBAN DEVELOPMENT (House)
TRANSPORTATION, TREASURY, THE JUDICIARY, AND HOUSING AND URBAN DEVELOPMENT (Senate)

H.R. 3058

Key Program Activity <i>(No further action taken on this bill in October)</i>	House Bill <u>House Report 109-153</u> \$66.935 Billion Passed House on 6/30/05	Senate Bill <u>Senate Report 109-109</u> \$65.373 Billion Passed Senate on 10/20/05
DEPARTMENT OF TREASURY <u>Treasury Building and Annex</u> GENERAL SERVICES ADMINISTRATION <u>Repairs and alterations</u> <u>Federal Building Fund</u> <u>White House</u>	\$10 Million for repair and restoration (\$961,376,000) Rescission (\$708,106,000) Rescission \$1.7 Million White House Restoration Project	\$10 Million for repair and restoration (\$961,376,000) Rescission (\$829,056,000) Rescission \$1.7 Million White House Restoration Project

APPENDIX C – NEW TECHNOLOGIES

(For informational purposes only. Listing does not imply FEMP endorsement.

Technology	Manufacturer	Manufacturers Claim *	Contact
HVAC			
Loadsoft 6.0 and Residential 5.0 HVAC Load Calculation Software Programs	Carmel Software Corp.	Functions with Autodesk Building Systems (ABS), software tool offers AutoCAD-based building systems design and analysis. Allows users to conduct HVAC duct and piping design and to import building information. Combination of tools configures total cooling and heating load for systems. Communicates with ABS using the Green Building XML schema (gbXML).	http://www.carmelsoft.com
HVACSuite	HVACSuite	Software tools provides the user with labor and/or materials, calculations of metal, vinylflex, and fiberglass duct board, reports and analysis of refrigeration systems, and diagnostic methodology of HVACR systems.	http://www.hvacsuite.com
Charleston Pro and Steamview Steam Heating System Radiator Models	Steam Radiators	Models range in heights of 16 and 24 inches and lengths of 24, 36, 48, 60, and 72 inches. Models construction helps prevent steam corrosion. Steamview has an output of up to 11,938 Btuh and the Charleston Pro has an output of up to 13,962 Btuh.	http://www.steamradiators.com
Intrepid Cast Iron Oil Boilers	Slant/Fin	Boiler is available in nine sizes ranging from 0.75 to 3.35 gpm and in 86 percent AFUE Energy Star® models. Models also include TRDV direct-vent hot water models, used in applications without a chimney, available with or without a tankless heater, and an AFUE rating of up to 87.2 percent.	http://www.baseboard.com

F E M P M O N T H L Y U P D A T E

Technology	Manufacturer	Manufacturers Claim *	Contact
Heating-Cooling Zone Control	Bryant Heating and Cooling	Control system permits homeowner to distribute heating and cooling into one, two, or three zones. System monitors temperature variations and regulates the airflow by zone. In coordination with a programmable thermostat, homeowners can create up to four separate comfort settings in each zone per day.	http://www.bryant.com
LIGHTING			
Concentrating Photovoltaic Glazing	Stellaris Corporation	Solar module technology of 6 mm high lenses. System focuses light onto thin strips of photovoltaic film material resulting in reducing PV material use by 67%. Allows low angle light to penetrate through the module. Costs less and generates approximately the same amount of electricity compared to existing modules.	http://www.stellaris-corp.com/
PGL 5/6	Kim Lighting	Latest version of parking garage luminaries. Improves application flexibility of previous models and is easy to install and maintain. Utilizes Lexan SLX from GE Advanced Materials, minimizes lens yellowing, stabilizes within 100 hours of operation, and offers greater impact.	http://www.kimlighting.com/
Aurette LED Candle Series	Philips Lighting	Series creates warm glow and the flicker effect of a candle. Minimizes risk of flames and easier to function with battery. LED rechargeable battery provides candle like flame for up to 10 hours of continuous light.	http://www.nam.lighting.philips.com/us/led/
WATER EFFICIENCY			
Hapsite Smart SituProbe Purge and Trap GC/MS System	Inficon	Applicable in different field range conditions to supply on-scene analysis of volatile organic compounds, emergency responses, and environmental testing of water.	http://www.inficon.com

F E M P M O N T H L Y U P D A T E

Technology	Manufacturer	Manufacturers Claim *	Contact
MRX920 Mobile Data Collection System	Neptune Technology Group Inc.	New version of the system includes 72-channel receiver and noise-filtering capability. System minimizes time required to process meter readings, provides maximum meter reading efficiency, detects leaks, and monitors tamper and backflow scenarios.	http://www.neptunetg.com
XLT-17 Leak Detector	Fisher Research Laboratory	New leak detector comes in four frequency filters; all pass, low pass, high pass, and band pass. Detector provides increased sensor electronics and sensitivity. Leaks are identified by electronically amplifying leak sounds, filtering interfering noise, isolating leak sound, and leading the operator to the source of the leak.	http://www.fisherlab.com
YSI 9600 Nitrate Monitor	YSI Environmental	Monitors nitrate levels in water, watershed, total maximum daily load, impacted coastal environments, downstream of concentrated animal feeding operations, and wastewater outfalls.	http://www.ysi.com
Solar Aeration Unit	SolarBee	System circulates water to eliminate growth of toxic algae infestations and milfoil from fertilizer runoff to clean freshwater lakes, ponds, potable water tanks, reservoirs, and wastewater.	http://www.solarbee.com/
Infracal TOG/TPH Analyzer	Wilks Enterprise Inc.	Available in two models HATR-T2 and CVH. Analyzer monitors effluent waste discharge in public owned treatment plants. Detects total fat, oil, and grease concentration level in wastewater within 10-15 minutes.	http://www.wilksir.com

F E M P M O N T H L Y U P D A T E

Technology	Manufacturer	Manufacturers Claim *	Contact
ENERGY MANAGEMENT TOOLS			
Relay Driver	Morningstar	Logic module for renewable energy applications. Provides high/low voltage alarms, load control, and generator start functions. Reads digital data inputs, easily mounted to DIN rail, and programmable with PC software with port connection.	http://www.morningstarcorp.com/
3E Plus	North American Insulation Manufacturers Association	Assists users in determining insulation thickness of piping, ducts, and equipment proportions to minimize energy use, plant emissions, and to improve system process efficiency. The tool allows users to translate Btu losses into dollars and to calculate greenhouse gas emissions and reductions.	http://www.pipeinsulation.org/
Green Building Studio Web Service	Green Building Studio Inc.	Provides whole building energy analysis using the building analysis program, DOE-2. Assists in determining costs of building design, project completion, green building LEED (Leadership in Energy and Environmental Design) compliance and scenario qualification, and identifying building products prior to the initiation of the design cycle.	http://www.greenbuildingstudio.com/
AutoCAD Revit Series 7	Autodesk Inc.	CAD drafting software enables to create, manage and share design information. Captures design purpose and building detail during conceptualization, displays capabilities for modular design, and helps validate design concepts.	http://www.autodesk.com
Ecologic3 v1.0	Greenlight Strategies	Web-based software tool generates cost benefit analysis of LEED Rating System. Analyzes environmental attributes based on customized economic scenarios.	http://www.greenlightstrategies.com

F E M P M O N T H L Y U P D A T E

Technology	Manufacturer	Manufacturers Claim *	Contact
MISCELLANEOUS			
Green Canister Vacuum Cleaner	Tornado Industries Inc.	Accommodates noise sensitive environments and light weight of 14 lbs allows for easy maneuver. Standard HEPA filtration system (99.97% efficiency at 0.3 microns) contains fine particulate and dust, improving indoor air quality. Running and maintenance costs minimized by the filter bags made from tear-proof material.	http://www.tornadovac.com
Green Leaf series	Cabinet King Inc	Material consists of PrimeBoard(R) ag-fiber particleboard, FSC-certified wood, melamine, and water-based adhesives. Renewable building material series releases minimal pollutants and is used to manufacture sides, tops, bottoms, backs, shelving, frames, and drawers.	http://www.cabinetking.com
noraplan(R)	Freudenberg Building Systems, Inc.	Floor covering comes with a 5-year warranty and is made from natural and synthetic rubber, mineral fillers, and color pigments. Requires no maintenance, contains no PVC, plasticizers, or halogens. Awarded Greenguard Indoor Air Quality Certification and is ISO 9002 and ISO 14001 certified.	http://www.norarubber.com

[Back to Table of Contents](#)

APPENDIX D

MEETINGS, CONFERENCES, AND OTHER EVENTS

NOTE: New events are highlighted in **blue**.
DOE-sponsored events are highlighted in **green**.

FEMP Training Calendar: [http:// www.eere.energy.gov/femp/newsevents/events.cfm](http://www.eere.energy.gov/femp/newsevents/events.cfm)

GENERAL ANNOUNCEMENTS

Date	Event	Sponsor	Topic	WEBSITE
December 2, 2005	Online Course: Distributed Generation Short Courses, Course 1 - Microturbines	Association of Energy Engineers (AEE)	Functions, development history, vendors, applications, and economics of microturbines.	http://www.aeecenter.org
December 9, 2005	Online Course: Distributed Generation Short Courses, Course 2 – Fuel Cells	Association of Energy Engineers (AEE)	Functions, development history, model types, applications, economics, and future development of fuel cells.	http://www.aeecenter.org
December 19, 2005	Online Course: Energy Auditing Fundamentals	Association of Energy Engineers (AEE)	Pre-audit work, site visit audit components, data analyses, savings opportunities, energy rates, software tools, and energy audit reports.	http://www.aeecenter.org
December 20, 2005	Online Course: Energy Auditing Fundamentals	Association of Energy Engineers (AEE)	Pre-audit work, site visit audit components, data analyses, savings opportunities, energy rates, software tools, and energy audit reports.	http://www.aeecenter.org
February 13 – April 7, 2006	Solar Home Design Online	Solar Energy Institute	How-to-build energy efficient sustainable homes.	http://www.solarenergy.org/workshops/workshop.php?id=15

FEMP MONTHLY UPDATE

DOE CENTRAL REGION

Date	Event	Sponsor	Topic	WEBSITE
November 8-9, 2005	Fundamentals of Energy/Electricity Futures, Options, and Derivatives Houston, TX	PGS Energy Training	Structuring profitable energy and electric power transactions; trading future contracts, swaps and physical energy contracts; basics of energy and electricity options, implications of energy high price volatility, and identifying energy and electric power assets options in disguise	http://www.pgseenergy.com/D201.html
December 1, 2005	Houses That Work™ Salida, CO	Energy and Environmental Building Association	Research on Department of Energy's Building America Program and regional case studies demonstrating high performance homes.	http://www.eeba.org/housesthatwork/workshops/Salida.asp
March 13, 2006	Houses That Work™ Albuquerque, NM	Energy and Environmental Building Association	Research on Department of Energy's Building America Program and regional case studies demonstrating high performance homes.	http://www.eeba.org/housesthatwork/workshops/Albuquerque1.asp
March 14, 2006	Houses That Work™ Albuquerque, NM	Energy and Environmental Building Association	Research on Department of Energy's Building America Program and regional case studies demonstrating high performance homes.	http://www.eeba.org/housesthatwork/workshops/Albuquerque2.asp
March 12-14, 2006	NAHB Green Building Conference Albuquerque, NM	National Association of Home Builders	Building materials, construction, codes and standards, energy, green buildings, environment, housing issues, land development, and smart growth and housing.	http://www.nahb.org/meeting_details.aspx?meetingID=3249&sectionID=121

FEMP MONTHLY UPDATE

DOE MID-ATLANTIC REGION

Date	Event	Sponsor	Topic	WEBSITE
November 2, 2005	Integrated Design and Green Globes™ System for Commercial Buildings Tysons Corner, VA	Green Globes™	Comprehensive training on the Green Globes system, a web-based environmental design and rating system that fosters integrated design to help achieve high performing, energy efficient buildings.	http://www.thegbi.com/commercial/greenglobes/register.htm
November 14-18, 2005	Natural Building & Renewable Energy Jessup, MD	Solar Energy Institute	Science of natural building materials, generating electricity for homes from solar, wind, and water power, solar rebate program, and tax incentives.	http://www.solarenergy.org/workshops/workshop.php?id=30
November 15, 2005	FEMP Lighting and Health Washington, DC	Department of Energy's Federal Energy Management Program	Correlation of lighting quality, biological health, eye health, and other employee health and safety issues with lighting energy efficiency and agency design standards.	http://www.eere.energy.gov/femp/newsevents/fullevent.cfm/events_id=1465
December 13-15, 2005	Distributed Energy Program PEER Review Crystal City, VA	Department of Energy's Distributed Energy Program	Review and evaluate mission, goals, and objectives of each program in reference to national policies and priorities.	http://www.energetics.com/depeerreview05
December 13-16, 2005	Sustainable Buildings Industry Council Ecobuild Federal Conference and Expo Washington, DC	Sustainable Buildings Industry Council, Delphi Company, Specifications Consultants in Independent Practice, Unisol, National Institute of Building Sciences, MechoShade, and Land Development Today	Latest trends and best practices in sustainability, environmental design and green buildings.	http://www.ecobuildfederal.com/about.shtml

FEMP MONTHLY UPDATE

Date	Event	Sponsor	Topic	WEBSITE
December 15, 2005	Ecobuild Federal Washington, DC	Sustainable Buildings Industry Council (SBIC)	Covers the latest issues on sustainability, best practices in environmental design, and new advances in green building products.	http://www.ecobuildfederal.com
January 26-27, 2006	Energy for a Sustainable and Secure Future Washington, DC	National Council for Science and the Environment	Produces and disseminates a detailed report of recommendations developed by conference participants.	http://www.ncseonline.org/NCSEconference
May 8-10, 2006	InLCA/LCM 2006 Business and Government Moving Ahead Washington, DC	IERE, SAE International	Life cycle management and costing, climate change and life cycle assessment, government use of life cycle assessment, life cycle measures of sustainability, environmentally preferable purchasing, green buildings, life cycle assessment and transportation systems, Ecolabels, agriculture, energy systems, biodiversity, and new life cycle assessment tools.	http://www.lcacenter.org/InLCA2006
June 19-22 2006	Sustainability & Beyond: The Emerging Triple Bottom Line of the New Economy Charlottesville, VA	Darden University of Virginia	Strategies, implementation, frameworks, methodologies, financial measures, metrics, products, processes, facilities design, creation, and economic value through sustainability strategies.	http://www.darden.virginia.edu/exed/programs/index.aspx?stage=sem&id=29

FEMP MONTHLY UPDATE

DOE MIDWEST REGION

Date	Event	Sponsor	Topic	WEBSITE
December 5, 2005	Houses That Work™ Lansing, MI	Energy and Environmental Building Association, Andersen Windows and Doors, Zeeland Lumber and Supply Co., DuPont Tyvek, ThermaTru Doors, LHSA, NuWool, and DeLeeuw Lumber	Research on Department of Energy's Building America Program and regional case studies demonstrating high performance homes.	http://www.eeba.org/housesthatwork/workshops/Lansing.asp
December 6, 2005	Houses That Work™ Grand Rapids, MI	Energy and Environmental Building Association, Andersen Windows and Doors, Zeeland Lumber and Supply Co., DuPont Tyvek, ThermaTru Doors, LHSA, NuWool, and DeLeeuw Lumber	Research on Department of Energy's Building America Program and regional case studies demonstrating high performance homes.	http://www.eeba.org/housesthatwork/workshops/GrandRapids.asp
January 30-31, 2006	Better Buildings: Better Business Conference Wisconsin Dells, WI	Wisconsin Energy Star® Homes, Energy Center of Wisconsin, and others	Strategic business practices, building performance for existing and new construction, heating, ventilating, air conditioning, health issues, managing moisture, implementing green and renewables, and emerging technologies.	http://www.ecw.org/betterbuildings

FEMP MONTHLY UPDATE

DOE NORTHEAST REGION

Date	Event	Sponsor	Topic	WEBSITE
November 4, 2005	Green Building Workshop Series: Toward Zero Net Energy Homes Brattleboro, VT	Vermont Green Building Network and Building for Social Responsibility	Planning and design of environmentally friendly homes.	http://www.vgbn.org/what_snew.php
November 14, 2005	The AESP - NEEC Conference 2005 Marlboro, MA	The Northeast Energy Efficiency Council and the Association of Energy Service Professionals	Current developments in energy efficiency programs and policy, rising energy prices, climate change, corporate responsibility, time-based pricing, and system benefit charges.	http://www.neec.org/anncon/anncon.html
November 30, 2005	Scientific Innovations in Distributed Generation Boston, MA	TFI Learning and CIGRE	Renewable and alternative energy sources and devices, storage and heat management, systems integration and impact of DG on the transmission grid, interconnection and islanding operation, economics and market, developers and users, and policy drivers.	http://www.tfilearning.com/tfi/c/portal_public/layout?p_1_id=27.23
December 16, 2005	Green Building Workshop Series: Toward Zero Net Energy Homes Barre, VT	Vermont Green Building Network and Building for Social Responsibility	Planning and design of environmentally friendly homes.	http://www.vgbn.org/what_snew.php

FEMP MONTHLY UPDATE

DOE SOUTHEAST REGION

Date	Event	Sponsor	Topic	WEBSITE
November 7-8, 2005	Building Materials Reuse and Recycling: Decon '05 Conference Atlanta, GA	U.S. EPA Region 9, Used Building Materials Association and many others.	Deconstruction, building materials reuse, and construction and demolition debris recycling.	http://www.doi.gov/greening/buildings/buildingconf.html
November 9-11, 2005	Greenbuild International Conference & Expo Atlanta, GA	U.S. Green Building Council	Facilities management, government, green building activities, schools, international activities, Leadership in Energy and Environmental Design, new research, sustainable design and engineering.	http://www.greenbuildexpo.org
December 5-7, 2005	Reinvention 2005: Greening the American Home Coral Gables, FL	Anderson Windows & Doors, CEDIA, Delta Faucet Company and others.	Site-sensitive design, climate, engineering products, and high-performance building blocks.	http://marketing.hanleywood.com/Web/ReInvent/Production/Res_Architect-2005/Index.asp
December 8, 2005	Houses That Work™ Atlanta, GA	Energy and Environmental Building Association, Whirlpool, and Earth Craft House.	Research on Department of Energy's Building America Program and regional case studies demonstrating high performance homes.	http://www.eeba.org/housesthatwork/workshops/Atlanta1.asp
December 9, 2005	Houses That Work™ Atlanta, GA	Energy and Environmental Building Association, Whirlpool, and Earth Craft House.	Research on Department of Energy's Building America Program and regional case studies demonstrating high performance homes.	http://www.eeba.org/housesthatwork/workshops/Atlanta2.asp
January 15-18, 2006	2006 C&D World Exposition & Show CMRA Miami, FL	Morbark, Inc., SSI	Construction and demolition recycling industry current business, operations and regulatory trends	http://www.cdworldshow.com/

FEMP MONTHLY UPDATE

DOE WESTERN REGION

Date	Event	Sponsor	Topic	WEBSITE
October 26-28, 2005	Best Practices: Enterprise Wide Energy Risk Management San Francisco, CA	Paradigm Strategy Group, Inc.	Enterprise risk and capital, conceptual foundation of risk metrics, applying risks analytics to energy, earnings at risks, credit risk metrics, measuring credit exposures, and mitigating credit risks.	http://www.pmaconference.com
November 2-4, 2005	CEM Preparatory Course: Theory and Practice of Energy Efficiency and Green Buildings San Francisco, CA	Association of Energy Engineers	CEM Preparatory Course: Theory and Practice of Energy Efficiency and Green Buildings.	http://www.aeecenter.org
November 9-11, 2005	Fundamentals of Distribution Engineering and Planning Phoenix, AZ	ABB	Basic principles of electric utility power distribution systems, system design configurations, power flow calculations, voltage drop calculations, voltage regulation, short-circuit calculations, distribution reliability, load forecasting, and feeder and substation planning.	http://www.pmaconference.com
November 11-13, 2005	Meeting the Sustainability Challenge Los Angeles, CA	USC Center for Sustainable Cities	Sustainability as a business development, management, and eco-efficiency strategy; sustainability in architecture, design, and construction; and sustainability in land use, conservation, and watershed practices.	http://www.cscexecutiveeducation.org/

FEMP MONTHLY UPDATE

Date	Event	Sponsor	Topic	WEBSITE
November 14-18, 2005	Photovoltaic Design and Installation San Diego, CA	Solar Energy Institute	Utilizing practical design and installation of PV (photovoltaic) technology to produce electricity.	http://www.solarenergy.org/workshops/workshop.php?id=3
February 14-16, 2006	International Roofing Expo 2006 Las Vegas, NV	National Roofing Contractors Assn.	Commercial and residential roofing construction and maintenance, market directions, trends, and cutting-edge technology.	http://www.theroofingexpo.com/Roofing06/public/enter.aspx
March 11-15, 2006	NHA Annual Hydrogen Conference 2006 Long Beach, CA	National Hydrogen Assn.	On-board and portable storage, safety codes and standards, static storage and delivery, analysis, demonstration and outreach, and applications of hydrogen.	http://www.HydrogenConference.org/
April 19-21, 2006	National Conference on Building Commissioning San Francisco, CA	Portland Energy Conservation, Inc.	Latest developments in building commissioning business.	http://www.peci.org/ncbc/
May 28-June 1, 2006	Lightfair 2006 Las Vegas, NV	Illuminating Engineering Society of North America, International Association of Lighting Designers	More than 250 hours of accredited lighting course educational options including 13 daylighting institute courses, 6 two-day lightfair institute courses, 8 master courses, 20 workshops, and 32 seminars.	http://www.lightfair.com/lightfair/V40/index.cvn?id=10009

[Back to Table of Contents](#)